

Application No.: 10/829,432  
Docket No.: BB1167USCNT

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### AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

Claims 1-15 (Canceled)

16. (Currently Amended) An isolated nucleic acid fragment comprising:  
a nucleotide sequence encoding a polypeptide having adenosine 5'-  
phosphosulfate kinase activity, wherein the polypeptide has an ~~The isolated nucleic~~  
~~acid fragment of Claim 12, wherein the amino acid sequence of the polypeptide~~  
~~comprises consisting of~~ SEQ ID NO:4, or  
a full-length complement of the nucleotide sequence.

17. (Currently Amended) The isolated nucleic acid fragment of Claim ~~42~~ 16,  
wherein the nucleotide sequence ~~comprises~~ consists of SEQ ID NO:3.

18. (Currently Amended) The isolated nucleic acid fragment of Claim ~~42~~ 16,  
wherein the nucleic acid fragment is a functional RNA.

19. (Currently Amended) A recombinant DNA construct comprising the  
isolated nucleic acid fragment of Claim ~~42~~ 16 operably linked to at least one  
regulatory sequence.

20. (Previously Presented) A transformed host cell comprising the  
recombinant DNA construct of Claim 19.